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U. S. Department of Agriculture

# CALIFORNIA SEED COMPANY



151 MARKET STREET  
SAN FRANCISCO



# When To Plant Vegetable Seeds

## JANUARY

Artichoke Roots  
Asparagus Seed  
Beets  
Beans, Windsor  
Broccoli  
Brussels Sprouts  
Cabbage  
Cauliflower  
Chive Plants  
Cress  
Corn Salad  
Garlic Sets  
Horse Radish Sets  
Kale  
Kohl Rabi  
Leek  
Lettuce  
Mustard  
Onion Sets  
Parsley  
Peas  
Radish  
Rhubarb Roots  
Spinach  
Herb Plants

## FEBRUARY

Artichoke Roots  
Artichoke Seed  
Asparagus Roots  
Asparagus Seed  
Beets  
Beans, Windsor  
Beans, Bush  
Beans, Pole  
Broccoli  
Brussels Sprouts  
Cabbage  
Cabbage Plants  
Carrot  
Cauliflower  
Chervil  
Chicory  
Corn Salad  
Cress  
Dandelion (French)  
Garlic Sets  
Horse Radish  
Kale  
Kohl Rabi  
Leek  
Lettuce  
Mustard  
Onion Seed  
Onion Sets  
Parsley  
Parsnip  
Peas  
Peppers  
Potatoes  
Radish  
Rhubarb Seed  
Rhubarb Roots  
Salsify  
Spinach  
Tomatoes  
Turnips  
Ruta Bagas  
Herb Plants

## MARCH

Artichoke Roots

Artichoke Seed  
Asparagus Seed  
Asparagus Roots  
Beets  
Beans, Bush  
Beans, Pole  
Beans, Lima  
Broccoli  
Brussels Sprouts  
Cabbage  
Cabbage Plants  
Carrot  
Cauliflower  
Chervil  
Chicory  
Corn  
Corn Salad  
Cress  
Cucumbers  
Dandelion  
Egg Plant  
Garlic Sets  
Horse Radish Sets  
Kale  
Kohl Rabi  
Leek  
Lettuce  
Watermelon  
Musk Melon  
Mustard  
Okra  
Onion Seed  
Onion Sets  
Parsley  
Parsnip  
Peas  
Pepper  
Potatoes  
Pumpkins  
Radish  
Rhubarb Seed  
Rhubarb Roots  
Salsify  
Spinach  
Tomato  
Tomato Plants  
Turnip  
Ruta Bagas  
Herb Plants

## APRIL

Artichoke Seed  
Asparagus Seed  
Beets  
Beans, Bush  
Beans, Pole  
Beans, Lima  
Cabbage  
Cabbage Plants  
Carrot  
Cauliflower  
Cauliflower Plants  
Chervil  
Chives  
Chicory  
Corn  
Corn Salad  
Cress  
Cucumbers  
Dandelion  
Egg Plant  
Egg Plant Plants  
Garlic Sets

## Horse Radish Sets

Kale  
Kohl Rabi  
Leek  
Lettuce  
Melons  
Mustard  
Okra  
Onion  
Onion Sets  
Parsley  
Parsnip  
Peas  
Pepper  
Pepper Plants  
Potatoes  
Potatoes, Sweet  
Pumpkins  
Radish  
Rhubarb Seed  
Rhubarb Roots  
Salsify  
Spinach  
Tomatoes  
Tomato Plants  
Turnips  
Ruta Bagas  
Herb Plants

## MAY

Beans, Dwarf  
Beans, Pole  
Cabbage  
Carrot  
Cauliflower  
Chervil  
Corn  
Cress  
Cucumber  
Dandelion  
Egg Plant  
Kale  
Kohl Rabi  
Leek  
Lettuce  
Melons  
Mustard  
Okra  
Onion  
Parsley  
Peas  
Peppers  
Potatoes  
Pumpkins  
Radish  
Salsify  
Spinach  
Tomato  
Turnip  
Ruta Baga  
Herb Plants

## JUNE

Beans, Bush  
Beans, Pole  
Cabbage  
Cauliflower  
Corn  
Cress  
Cucumber  
Lettuce  
Melons  
Okra

Peas  
Pumpkins  
Radish  
Spinach  
Ruta Baga

## JULY

Beets  
Beans, Bush  
Broccoli  
Brussels Sprouts  
Cauliflower  
Cress  
Kale  
Lettuce  
Mustard  
Peas  
Radish  
Spinach  
Turnip  
Ruta Baga

## AUGUST

Beets  
Broccoli  
Brussels Sprouts  
Cabbage  
Carrot  
Cauliflower  
Corn Salad  
Cress  
Endive  
Garlic Sets  
Kale  
Kohl Rabi  
Lettuce  
Mustard  
Onion  
Parsley  
Parsnip  
Peas  
Radish  
Spinach  
Turnip

## SEPTEMBER

Beets  
Brussels Sprouts  
Broccoli  
Cabbage  
Carrot  
Cauliflower  
Chervil  
Corn Salad  
Cress  
Chicory  
Dandelion  
Endive  
Kale  
Kohl Rabi  
Leek  
Lettuce  
Mustard  
Onion  
Parsley  
Parsnip  
Peas  
Radish  
Spinach  
Turnip

## OCTOBER

Beets

Broad Beans  
Broccoli  
Brussels Sprouts  
Cabbage  
Carrot  
Cauliflower  
Chervil  
Corn Salad  
Cress  
Chicory  
Dandelion  
Endive  
Kale  
Kohl Rabi  
Leek  
Lettuce  
Mustard  
Onion  
Onion Sets  
Parsley  
Parsnip  
Peas  
Radish  
Spinach  
Turnip

## NOVEMBER

Artichoke Roots  
Broad Beans  
Broccoli  
Brussels Sprouts  
Cabbage  
Carrot  
Cauliflower  
Cress  
Kale  
Kohl Rabi  
Leek  
Lettuce  
Mustard  
Onion  
Onion Sets  
Parsley  
Parsnip  
Peas  
Radish  
Rhubarb Roots  
Spinach  
Turnip

## DECEMBER

Artichoke Roots  
Broad Beans  
Broccoli  
Brussels Sprouts  
Cabbage  
Carrot  
Cauliflower  
Chives  
Cress  
Garlic Sets  
Horse Radish Sets  
Kale  
Leek  
Lettuce  
Mustard  
Onion Sets  
Parsley  
Peas  
Radish  
Rhubarb Roots  
Spinach



FEB 12 1917

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CALIFORNIA SEED CO., 151 Market Street, SAN FRANCISCO

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## Grand Collection Gladioli Bulbs

	Each	Doz.		Each	Doz.
Albion—Beautiful white with carmine tinge in center; strong grower .....	\$0.10	\$1.00	Hollandia—Rosy nankeen .....	.15	1.25
America—Exquisite soft lavender pink; a great favorite .....	.05	.35	Lilly Lechmann—Frlled edged, fine white tinted rose .....	.10	.90
Annie Wigman—Pale yellow with small blotch on lower segments .....	.10	.90	Loveliness—Beautiful cream suffused apricot, purplish throat, blue anthers, strong grower .....	.15	1.50
Augusta—White with blue anthers.....	.05	.50	Mrs. Francis King—Beautiful vermilion scarlet, a great favorite .....	.05	.50
Baron Joseph Hulot—(Blue King) rich deep indigo blue .....	.10	1.00	Niagara—Rich nankeen yellow, veined carmine .....	.15	1.25
Conspicuous—Pale lilac blue with deeper blotch.	.20	1.75	Panama—Beautiful rose, large flowers, and fine spike, very popular .....	.10	1.00
Empress of India—Deep velvety maroon.....	.10	1.00	Pink Beauty—Bright carmine rose with darker blotch .....	.05	.50
Faust—Deep purplish carmine with white markings .....	.05	.50	Princeps—Glowing crimson with white blotch similar to an amaryllis .....	.10	.75
Glory of Holland—Very fine white tinted rose.	.10	1.00	Willy Wigman—Delicate rose, tinted cream with large carmine red blotch .....	.10	1.00
Golden West—Beautiful orange red overlaid with gold .....	.15	1.25	Queen Wilhelmina—Light rose, scarlet blotch .....	.15	1.50
Halley—Very large salmon pink, blotched yellow with carmine markings.....	.10	.75	Primulinus—Grand mixture of named varieties .....	.10	1.00
Hohenzollern—Beautiful orange flushed Cham- oise .....	.10	1.00	Per 100 .....		7.00
			Excelsior Mixture .....	.10	.75
			Per 100, \$4.00.		

## SPENCER SWEET PEAS

Plant any time from Aug. 15th to Dec. 1st for very early flowers. The first spring planting should be made about Jan. 15. Sweet Peas will grow and bloom in a variety of soils and locations, but prefer a moderately rich and thoroughly manured soil that is well drained and preferably an east or southern exposure.

We offer the following high grade varieties of Spencer Sweet Peas as follows:

Packet, 10 cts.; 3 pkts., 25 cts.; collection of any 8 packets, 50 cts. Price per ounce, 35 cts., except where noted.

All 5 cts. packets 6 for 25 cts.

	Pkt.	Oz.		Pkt.	Oz.
Afterglow, reddish mauve, violet wings.....		\$0.50	Lovely, delicate rose and flesh .....	.05	.35
Apple Blossom, rose and pink.....		.35	Margaret Atlee, large buff pink .....	.05	.35
Asta Ohn, lavender suffused mauve.....		.35	Margaret Madison, azure blue .....	.05	
Aurora, cream white, flaked orange salmon.....		.35	Masterpiece, lavender suffused mauve .....	.10	
Barbara, fine salmon .....		.50	Mrs. Breadmore, cream edged terra cotta pink .....	.10	
Bertram Deal, rosy mauve .....		.35	Mrs. Cuthbertson, standard rose pink, wings pure white .....	.10	
Clara Curtis, primrose .....		.35	Mrs. Routzahn, apricot, suffused pink .....	.10	.35
Countess, rose pink .....	\$0.05		Nubian, chocolate .....	.10	.35
Dobbies Cream, deep primrose .....	.10		New Marian Beaver, apricot pink, primrose ground .....	.10	
Earl, orange salmon .....	.10		Rainbow, ivory white flaked rose .....	.10	
Elfrida Pearson, large pale pink .....	.05	.35	R. F. Felton, lavender .....		.50
Helen Lewis, standard orange, wings salmon..		.35	Robert Sydenham, bright orange salmon .....	.10	.35
Fiery Cross, fiery reddish orange.....		½ oz. .50	Rosabelle, fine light rose .....	.10	.35
Helen Pierce, white marbeled blue.....			Senator, chocolate, purple and white striped..	.10	
Illuminator, salmon orange overlaid cerise pink			Sterling Stent, salmon orange .....	.10	.35
Irish Belle, lilac flush pink.....			Wedgewood, fine bright blue .....		.50
Jessie Cuthbertson .....	.05	.35	Silver Gilt Medal Mixture (Waller)		
King Edward, crimson scarlet .....	.05	.35			
King White, largest giant white .....	.05	.35			
Lord Nelson, dark navy blue .....	.05	.20			

Pkt., 10c; Oz., 35c; ¼ lb., \$1.00

# ROSES

2 Year Old Field Grown.  
35 Cents Each. \$3.50 Per Dozen.  
(Except Where Noted.)

We exercise care to keep all varieties true to name and hold ourselves in readiness at all times to replace on proper proof all stock that may prove otherwise; but it is mutually agreed between the purchaser and ourselves that we shall not at any time be liable for any amount greater than the original prices of the stock.

CALIFORNIA SEED CO.

	Each		Each
<b>Arthur R. Goodwin</b> —Coppery orange red, passing to salmon pink as the flower expands. A grand combination of color. Should be quite hardy .....	\$.50	<b>Hugh Dickson</b> —Intense crimson, shaded scarlet. Very large, full and magnificent form. Very pronounced sweet fragrance .....	.50
<b>Antoine Revoire</b> —Rosy flesh on yellow ground, large full and very free .....	.35	<b>Irish Elegance</b> —Beautiful Irish singe rose, fine form, long and pointed. Color bronzy-orange and scarlet, shaded to apricot .....	.35
<b>Baby Dorothy</b> —Clear, brilliant pink; a free and delightful bedding rose. Maman Levavasseur .....	.50	<b>Homer</b> —Mottled blush-pink. One more of the oldtimers that's still holding its own .....	.35
<b>Baby Eugenie Lamesch</b> —Orange yellow shaded clear yellow and rose, produced in large clusters .....	.50	<b>Juliet</b> —Strong, upright growth with large, double flowers of novel and distinct coloring. Outside of petals old gold, interior rich rosy-red .....	.50
<b>Baby Orleans</b> —Bright Geranium-pink. Florets not crowded but of beautiful arrangement .....	.50	<b>Kaiserin Augusta Victoria</b> —Creamy-white flowers of immense substance, smooth and nicely arranged .....	.35
<b>Baby Erna Tschendorf</b> —Deep crimson color flushed with carmine. Resembling color of Gruss on Teplitz. Said to be the darkest of the Polyantha class .....	.50	<b>Killarney</b> —Deep shell-pink, long, pointed buds, with large flowers. Very free and perpetual .....	.35
<b>Baby Joan d'Arc</b> —Pure white, large trusses of full, well-formed flowers, very free .....	.50	<b>Lady Hillingdon</b> —Deep orange-yellow, good size, long and pointed bud; excellent for cutting .....	.50
<b>Betty</b> —Coppery yellow, overspread with golden rose... ..	.35	<b>Lyon</b> —Shrimp pink with orange center, shaded crome yellow .....	.50
<b>Clara Watson</b> —Flesh, with center tinted rose-peach. Good form and rich fragrance .....	.35	<b>Lady Battersea</b> —Deep cherry-red, long, pointed flowers, moderately full, freely and abundantly produced .....	.35
<b>Captain Hayward</b> —Of largest size. Color, glowing crimson; very bright and rich. About the best H. P. in the entire class .....	.35	<b>Mme. Cecil Brunner</b> —Bright rose shaded salmon pink. The best of the miniature roses .....	.35
<b>Etoile de France</b> —Rich velvety crimson, center ruby red, large and double. Likes hot weather .....	.35	<b>Mme. Caroline Testout</b> —Clear, bright satiny-pink. The rose that made Portland, Oregon, famous .....	.35
<b>Frau Karl Druschki</b> —Pure snow-white; long, pointed buds; large, full flowers; free and constant .....	.35	<b>Mme. Constant Soupert</b> —Deep golden-yellow, tinted with rosy peach; large, full, long pointed buds .....	.35
<b>George Elger</b> —The long-sought-for yellow Cecil Brunner. This, with Cecil Brunner and Perle d'Or, are the best corsage varieties. They all have about the same foliage and should not be confused with the other Polyantha "Baby" kinds .....	.50	<b>Mme. Edouard Herriott</b> —Deep terra-cotta or reddish copper. Free and strong. The "Daily Mail" rose ...	1.00
<b>George Dickson</b> —Color velvety, dark crimson; splendid shape and good substance .....	.50	<b>Marie Van Houtte</b> —Canary-yellow, deeper center and border tipped with bright rose. Large, full and fine form .....	.35
<b>George Ahrends</b> —Clear, brilliant pink, good bud and perfect form flower. Strong grower and in every way worthy .....	.75	<b>Mme. Jules Grolez</b> —Bright China rose, large, full, high center flower with nice reflex petals .....	.50
<b>Gen. McArthur</b> —Bright scarlet, large, full and very free, erect branching habit and very perpetual. One of the finest and most fragrant roses grown .....	.35	<b>Mrs. Aaron Ward</b> —Center Indian-yellow with edge primrose. Medium size flowers, free and full .....	.50
<b>Glorie Lyonnaise</b> —White shaded lemon, long pointed buds .....	.35	<b>Mrs. A. R. Waddell</b> —Scarlet buds, opening to deep reddish saffron. Semi-double bowers, freely produced..	.50
<b>Harry Kirk</b> —Deep sulphur-yellow with edges of petals lighter. Well-formed, full, free and vigorous .....	.50	<b>Mrs. George Shawyer</b> —Bright, clear rose, large, full well-formed flowers, carried freely on stiff, upright stems .....	.50
		<b>Mme. Alf Carriere</b> —Pure white, slightly tinted yellow at base. Very free, very fragrant and very strong .....	.35
		<b>Ophelia</b> —Salmon-red, shaded rose; fine form, and excellent habit .....	1.00



## ROSES---Continued

	Each		Each
<b>Papa Gontier</b> —Rosy-crimson, fine, long bud; free and strong .....	.35	face, always clean. Flower large, clear white, with bright yellow stamens .....	.35
<b>Perle d'Or</b> —Nankeen-yellow with orange center. Buds perfect .....	.35	<b>Cl. Cecil Brunner</b> —One of the strongest growing roses we know of and it is a sport from the dwarfish bush variety of this name. Style of foliage and color throughout same as the bush. Bright, clear pink; baby size flowers so popular with June brides .....	.35
<b>Rainbow</b> —Deep pink beautifully splashed and striped crimson. Long, pointed bud same as Papa Gontier from which it sported .....	.35	<b>Cl. Caroline Testout</b> —Another strong grower with foliage and flowers same as the bush from which it is a sport .....	.35
<b>Radiance</b> —Brilliant rosy opaline-pink; large, free and beautiful form with sweet fragrance .....	.50	<b>Cl. Kaiserin</b> —Pure white, shading at base of petals to primrose. A strong grower with same style foliage as the bush .....	.35
<b>Souv. de Pres. Carnot</b> —Rosy flesh, shaded white; large, fine form, semi-double. ....	.35	<b>Cl. Etoile de France</b> —Found by our Mr. Lindquist in the nursery here at Hemet. Very vigorous. Always in flower throughout the heat of summer and undoubtedly the best hot-climate climber on the list .....	.50
<b>Sunburst</b> —Deep cadmium-yellow with orange-yellow center; large, full and beautiful form .....	.50	<b>Cl. Papa Gontier</b> —Color rich cherry red. Wonderful bud, same as the bush variety .....	.35
<b>Vicks Caprice</b> —Bright satiny-pink, striped with white. Large, full, free and vigorous .....	.50	<b>Dorothy Perkins, W.</b> —Beautiful deep pink. Too well known for further description .....	.35
<b>Winnie Davis</b> —Brilliant apricot-pink with reflex lighter tints, making very handsome semi-double, graceful rose. Buds long, fine form. Foliage clear, bright green. One of the best H. T. roses grown .....	.50	<b>Flower of Fairfield</b> —A counterpart of Crimson Rambler in every respect, except that it shows every blooming tendencies .....	.35
<b>White Maman Cochet</b> —Cream-white, with edges flushed rose. Otherwise same as the Pink from which it is a sport .....	.35	<b>Gainsborough</b> —Flesh-pink, large, full; rich fragrance; strong and free. Sport from Visc Folkstone which it greatly resembles .....	.35
<b>CLIMBING ROSES</b>		<b>Marechal Neil</b> —Immense deep golden-yellow, very fragrant climber .....	.35
	Each	<b>Tausendschon</b> —Soft pink, flowering freely in large clusters; vigorous and almost free from thorns .....	.35
<b>Cl. Sunburst</b> —Same as the well-known bush. Our product of this variety last year was the only lot we know of in the U. S. and we are certain this season's supply will be way short. It's strong and vigorous and should be quite hardy .....	\$.75	<b>Shower of Gold</b> —Deep golden-yellow, very double, free and lasting .....	.35
<b>Cherokee, Pink</b> —About the same in form and size as white Cherokee. Color bright, clear pink .....	.35	<b>Silver Moon</b> —Pure white with clear yellow stamens, large, free. Glossy bronze-green foliage .....	...50
<b>Cherokee, Ramona</b> —A better grower than the pink. Outer side of petals quite red when first opening .....	.35		
<b>Cherokee, Single Wht.</b> —Foliage quite distinct—a valuable feature of the plant. Glossy, green, smooth sur-			

## LAWN GRASSES

Grass Seeds of Sterling Quality.

For Lawns, Play Grounds, Golf Links, Tennis Courts, Etc.

Absolutely the best seeds that money can buy and that experience can suggest.

A smooth, velvety lawn adds not only to the value, but enhances the enjoyment of every home. When properly made, a lawn is the best investment a home owner can make. In making a lawn the ground should be thoroughly drained and well pulverized. The soil ought not to be too rich, as a rapid growth is not wanted in the grasses of a lawn. After the ground is well prepared the seed should be sown and the ground rolled or stamped in order to press the seed firmly into the soil. Seed may be sown in the early fall or spring.

**CALIFORNIA "GOLDEN GATE PARK" LAWN MIXTURE** contains the more hardy grasses which are used to make the sod for the park playgrounds where the grass has to endure much tramping over. The mixture also contains a very little white clover. Per lb. 25c; per 10 lbs. \$2.00; per 100 lbs. \$18.00.

**KENTUCKY BLUE GRASS (Velvet Green Brand)**—An especially extra fine quality of Blue Grass seed that has been thoroughly milled so as to remove all chaff and light seeds. This in our estimation is the finest quality of Blue Grass produced. Lb. 35c; 10 lbs. \$3.25; 100 lbs. \$30.00.

## LAWN GRASSES---Continued

**AUSTRALIAN RYE GRASS (Reselected Fancy)**—A selected, short-seeded, extra heavy, dwarf-growing strain. Will produce a green turf in about three weeks. Sow one pound to a space 10 by 15 feet; 100 pounds to the acre. Lb. 20c; 10 lbs. \$1.50; \$12.50 per 100 lbs.

**KENTUCKY BLUE GRASS**—Blue grass is a true perennial, lasting indefinitely and improving each year. It succeeds in almost any soil, dry, rocky, or sandy. It takes, however, two or three years to become thoroughly established. Its densely creeping root stalks, spreading habit, and smooth, even growth, fine texture, and rich green color render it one of the very best grasses for lawn. Sow one pound to a space 10 by 25 feet; 75 pounds to the acre. Lb. 25c; \$15.00 per 100 lbs.

**PACIFIC RYE GRASS (California)**—A selected strain of Perennial Rye Grass, producing a fine dwarf-growing plant of fine velvety texture, especially fine for sandy soils. Lb. 25c; per 100 lbs. \$20.00.

**WHITE CLOVER (Pacific Quality)**—The finest and purest strain for lawns. It makes an excellent turf that stands constant tramping. It is of dwarf habit, the stems creeping and rooting at the joints; it spreads rapidly and is very hardy. Sow one pound in a space 10 by 35 feet. Lb. 75c.

**LAWN DRESSING**—Our concentrated lawn dressing is free from weed seeds; easily applied; does better work than barnyard manure, cheaper, more easily applied and lasts longer. 10-lb. bag, 60c; 25-lb. bag, \$1.25; 50-lb. bag, \$2.00; 100-lb. bag, \$3.50.

## PLANT DEPARTMENT

## NOTICE TO CUSTOMERS:

**CUSTOMERS** are requested to state the mode of conveyance by which they desire their trees forwarded. When no route is named, we forward to the best of our judgment, without liability for error or delay.

No trees or plants sent C. O. D. Cartage to Railroad charged extra.

**RESPONSIBILITY**—After goods are placed on board cars here, we assume no responsibility for their safe or prompt delivery, or any injury caused by delay in delivery by the transportation company.

**ALL CLAIMS must be made upon receipt of goods.**

All trees and plants are carefully and securely packed in the best manner, for which a small charge is made sufficient to cover cost of material used.

We warrant plants and trees true to name and in healthy growing condition at time of shipment or delivery, but we are not responsible for any damage that may occur while in transit, nor do we guarantee the purchasers success in cultivation of same. It must be plain to everyone that it is to our best interest to sell only such stock as will grow and prove true to name. If errors should occur please notify us immediately and we will make satisfactory corrections, but it is mutually agreed between the purchaser and ourselves that we shall not at any time be liable for any amount greater than the original price of stock.

## TREES AND SHRUBS

	Each		Each
Acacia floribunda .....	2 to 3 ft. \$ .35	Broom Portugal .....	3 to 4 ft. .50
Acacia floribunda .....	4 to 5 ft. .50	Broom Spanish .....	2 to 3 ft. .35
Acacia latifolia .....	3 to 4 ft. .40	Calycanthus Sweet Shrub .....	3 ft. .50
Acacia latifolia .....	4 to 5 ft. .50	Choisya ternata .....	1 to 1½ ft. .75
Acacia melanoxylon .....	3 to 4 ft. .40	Camelias, in named varieties .....	.75c to 1.50
Acacia melanoxylon .....	4 to 5 ft. .50	Coronilla Glauca .....	2 to 3 ft. .50
Acacia Baileyana .....	3 to 4 ft. .60	Cupressus Lawson .....	2 to 3 ft. 1.00
Acacia Mollissima .....	2 to 3 ft. .35	Cupressus Pyramidalis .....	3 to 4 ft. 1.25
Abelia Grandiflora .....	1 ft. .40	Cupressus Monterey .....	2 to 3 ft. .50
Agapanthus blue .....	clumps .60	Cryptomeria Elegans .....	2 to 3 ft. 1.25
Aralia Sieboldi .....	1½ to 2 ft. .50	Cryptomeria Japonica .....	3 to 4 ft. 1.00
Arbor Vitae .....	1½ to 2 ft. .85	Cotoneaster Microphylla .....	1 to 1½ ft. .50
Araucaria Bidwelli .....	2 ft. 1.50	Coprosma Baneri .....	2 to 3 ft. 1.00
Araucaria Excelsa .....	2 ft. 1.50	Crataegus Pyracantha .....	2 to 3 ft. 1.00
Acuba, green or variegated .....	1 ft. .60	Daphne, Pink or White .....	2 ft. 1.00
Berberis Darwini .....	1½ to 2 ft. .60	Deutzia, assorted .....	.50
Boxwood for Edging, 4 to 6 inches, per 100 .....	5.00	Dracaena Indivisa .....	2 to 3 ft. .50
Boxwood Specimen plants .....	\$4.00 to 10.00	Dracaena Indivisa .....	3 to 4 ft. 1.00



## TREES AND SHRUBS---Continued

	Each		Each
Diosma Alba .....	1 ft. .35	Mock Orange .....	3 to 4 ft. .40
Erica Mediteranea .....	1 to 1½ ft., 75c to 1.00	Poplar Lombardy .....	3 to 4 ft. .35
Erica Melanthera .....	1 ft. .50	Poplar Carolina .....	8 to 10 ft. 1.00
Erica Triumphants .....	1 to 2 ft. .50	Pittosporum Engenoides .....	1½ to 2 ft. .40
Eunonymus, green or golden .....	2 ft. .60	Pittosporum Nigricans .....	2 to 3 ft. .50
Escallonia, white .....	1½ to 2 ft. .50	Pittosporum Grassifolia .....	2 to 3 ft. .50
Escallonia Rosea .....	2 to 3 ft. .75	Pepper tree .....	3 to 4 ft. .50
Escallonia Rubra .....	1½ to 2 ft. .60	Phoenix Canariensis .....	3 to 4 ft. 3.50
Eucalyptus blue gum .....	2 to 3 ft. .25	Pampas grass clumps .....	.75
Fuschias, assorted .....	1 to 1½ ft. .35	Prunis Pissardi .....	3 to 4 ft. .75
Geraniums, dark single red, per dozen .....	1.50	Spirea Von Houtte .....	2 to 3 ft. .35
Geraniums, ivy leaved, per dozen .....	1.75	Spirea Thunbergii .....	2 to 3 ft. .35
Hydrangea Hortensis .....	1 ft. .50	Veronica Imperialis .....	1 to 1½ ft. .35
Hydrangea Hortensis .....	1½ to 2 ft. .75	Willow, weeping .....	4 to 5 ft. .35
Hypericum Moserianum .....	1 ft. .35	Walnut, black .....	3 to 5 ft. .35
Laurustinus .....	1 ft. .40		
Laurel Portugal .....	1 to 1½ ft. .75		
Lemon Verbena .....	1 to 1½ ft. .35		
Lilac, white or purple .....	2 to 3 ft. .50		
Lilac, grafted white or purple .....	.75		
Ligustrum Cal. Privet .....	2 to 3 ft. .20		
Per 100 .....	10.00		

## SMALL TREES TRANSPLANTED IN FLATS

Eucalyptus Globulus .....	1 to 2 ft. per box of 100, \$2.50
Cypress Monterey .....	1 to 1½ ft. per box of 100, 2.25
Pittosporum Engenoides .....	1 to 1½ ft. per box of 100, 3.50
Pinus Monterey .....	2 to 2½ ft. per box of 100, 3.50

## Hardy Trailing or Climbing Plants

	Each		Each
Ampelopsis Veitchi Boston Ivy .....	.35 to \$ .50	Lotus, red flowering .....	.35
Ampelopsis Quinquifolia Virginia Creeper .....	.35	Muchlenbeckia (Maiden Hair Creeper) .....	.35
Asparagus Sprengeri .....	.35	Solanum Jasminoides, potato vine .....	.35
Bignonia Trumpet Vine .....	.75	Plumbago, blue .....	.35
Clematis Paniculata .....	.50	Plumbago, white .....	.35
Clematis Montana .....	.60		
Clianthus or Parrots Beak, red .....	.50		
Ficus Repens .....	.35		
Fuschias, assorted .....	.35		
Heliotrope .....	1 to 2 ft. .35		
Ivy Geranium, pink, salmon or red .....	.25		
Ivy, English .....	.25		

## WISTERIA GRAFTED STOCK (Imported)

Wisteria Chinensis White .....	\$ .75
Wisteria Chinensis Blue .....	.75
Wisteria Multijuga White .....	1.00
Wisteria Multijuga Blue .....	1.00

## FRUIT TREES AND SMALL FRUITS

When ordering, please state if substitution will be permitted. When no instructions accompany order, and varieties are sold out, we will substitute similar sorts. The trees when shipped should be unpacked at once on arrival, the roots laid in a trench and well covered with soil and thoroughly watered. Packing charged for at cost of material used.

Write for prices on larger quantities.

## APPLES

35c Each; \$3.00 Per 10

## SUMMER VARIETIES

ALEXANDER—Greenish yellow streaked red.  
 GRAVENSTEIN—Skin yellow, marked deep red.  
 EARLY HARVEST—Medium size, bright straw color.  
 JONATHAN—Beautiful brilliant red.  
 RED ASTRACHAN—Large, deep crimson.  
 YELLOW BELLFLOWER—Large, smooth. Lemon color.

## WINTER VARIETIES

BEN DAVIS—Yellow striped green.  
 BALDWIN—Deep bright red.  
 NEWTON PIPPIN—Greenish yellow, fine flavor.  
 RHODE ISLAND GREENING—Large, greenish yellow, fine grain.  
 SPITZENBERG—Fine juicy, crisp red apple.  
 STARK'S DELICIOUS—Beautiful brilliant dark red.  
 KING DAVID—Deep rich red, one of the best.  
 RED SIBERIAN CRAB—Yellow and red splashed.  
 YELLOW SIBERIAN CRAB—Glossy yellow.

## FRUIT TREES---Continued

## PEACHES

4 to 6 feet, 35c each, \$3.00 per 10.

## FREESTONE VARIETIES

**FOSTER**—Medium, flesh yellow; sweet and juicy.**STRAWBERRY**—White mottled red near pit; very juicy.**ELBERTA**—A standard midsummer freestone.**ALEXANDER**—Medium to large; half cling; firm and juicy.**TRIUMPH**—Bright yellow, deeply mottled red; part cling.**HALE'S EARLY**—Part cling; very early; delicious and juicy.**MUIR**—Perfect freestone; flesh yellow; good shipper.**EARLY CRAWFORD**—Flesh yellow; rich and of excellent quality.**SALWAY**—Fine large late; yellow with red cheek.

## CLING PEACHES

**TUSCAN CLING**—Yellow flesh; excellent quality.**ORANGE CLING**—Large yellow, dark red cheek, rich and sugary.

## PEARS

4 to 6 feet, 40c each; 10 for \$3.50.

**BARTLETT**—The king of pears.**BEURRE HARDY**—Greenish skin, brown russet.**WINTER NELLIS**—Greenish yellow covered with gray russet.

## APRICOTS

**BLLENHEIM**—Medium oval, orange.**HEMSKIRK**—Flesh bright orange.**MOORPARK**—Yellowish green; flesh bright orange.**ROYAL**—Early; flesh pale orange; heavy bearer.

## CHERRIES

40c each; 10 for \$3.50.

**BLACK OREGON**—Large to very large; jet black; very firm, dark flesh of exquisite sub-acid flavor.**LAMBERT**—An exceptionally large Cherry; black; very firm; juicy and sweet and of a peculiar, yet exquisite flavor.**ROYAL ANN**—Pale yellow, richly mottled with red; large to extra large; very firm; juicy and sweet, good eating.**BING**—A fine, extra large, black cherry; it is of good eating and good shipping quality.**BLACK TARTARIAN**—The standard black cherry; large to very large; purplish black; dark purplish flesh; very juicy and of excellent flavor.**BURBANK**—A valuable new introduction by Luther Burbank. A fine, very large black cherry. Flesh purple, firm and of good flavor.

## PLUMS

4 to 6 feet, 35c each; \$3.50 per 12.

**CLYMAN**—Reddish purple. Late June.**GREEN GAGE**—Yellowish green. Middle of July.**KELSEY**—Rich yellow, overspread with red when fully ripe. July to September.**WASHINGTON**—Flesh yellow, very sweet. Early August.**YELLOW EGG**—Large, oval shape, deep golden color. July to August.**TRAGEDY** (California Seedling)—Medium to large, oblong; purplish blue, with a beautiful deep blue bloom; freestone; flesh greenish yellow, sweet, juicy.**FORMOSA** (Japanese)—One of Burbank's recent introductions. Color brilliant red. Very handsome and showy. Flesh yellow, firm, fragrant and of delicious flavor.**SANTA ROSA** (Japanese)—Particularly valuable on account of its season of ripening.

## PRUNES

4 to 6 feet, 35c each; \$3.50 per 12.

**FELLENBERG**—Dark purple, flesh greenish yellow. August.**FRENCH**—Medium violet purple, rich and sugary. August to September.**GERMAN**—Long oval, skin purple, flesh green. August to September.**HUNGARIAN**—Reddish violet, with numerous brown dots. September.**SUGAR**—Flesh yellow, tender and rich. Early August.**TRAGEDY**—Skin dark purple, flesh yellowish green. Early July.

## THE QUINCE

4 to 6 feet, 35c each.

**APPLE OR ORANGE**—Large; fine golden color; valuable for preserves or flavoring; very productive, the most popular variety; September.**CHAMPION**—Large to very large; skin strongly russeted around the stem.

## FIGS

3 to 4 feet 40c each; \$3.50 per 10.

**CALIFORNIA BLACK**—Dark purple.**WHITE ADRIATIC**—Greenish yellow.**CALIMYRNA AND SMYRNA**—Skin lemon yellow, pulp reddish amber. 3 to 5 feet, 50c each.

## WALNUTS

Walnuts should be planted only on the California Black Walnut Root, and we have a fine lot of trees of Wiltz strain of Mayette, Franquette and other varieties grafted on this black.

Prices—Walnut Grafted on Black Walnut Root

	Each	10
6 to 8 feet .....	\$1.75	\$16.00
4 to 6 feet .....	1.50	12.00
3 to 4 feet .....	1.25	10.00
2 to 3 feet .....	1.00	7.50
Franquette		Placentia Perfection
Mayette		Santa Barbara



## FRUIT TREES---Continued

### ORANGES, LEMONS AND GRAPE FRUIT

Price, \$2.00 each.

**WASHINGTON NAVEL**—The most popular of any orange grown in California. Very large, solid and heavy; skin smooth and of very fine texture.

**VALENCIA LATE**—Fruit medium size, oval, solid, heavy; skin very thin and of a strong texture; flesh juicy, rich color, fine grain, firm, crisp and of excellent flavor.

### LEMONS

**EUREKA**—Medium size; sweet rind; a good keeper and very popular.

**LISBON**—Fruit medium size; fine grain; sweet rind, very strong acid; very few seeds, and a good keeper.

**VILLA FRANC**—Medium size; considered to be the best of all lemons grown.

### POMELO OR GRAPE FRUIT

**TRIUMPH**—Fruit medium size; peel smooth, clear and fine grained; juicy and well flavored; very few seeds; tree bears when young.

## GRAPES

For Table use. 20c each; 10 for \$1.50; \$6.00 per 100.

**BLACK HAMBURG**—Berries large, round; skin thick, coal black when fully ripe; flesh sweet and juicy.

**CONCORD**—Large, black grape; bunches compact; berries round, sweet and pleasant.

**FLAME TOKAY**—Berries large; skin thick, pale red covered with bloom; flesh firm, sweet; an old standard variety.

**ISABELLA**—Our most extensively planted Eastern grape; bunches long, large and loose; berries black, oval, juicy and sweet, with distinct musky flavor.

**MUSCAT OF ALEXANDRIA**—Berry oval, sometimes round; yellowish green.

**ROSE OF PERU**—Fruit round, large with firm and crackling flesh.

**SULTANA**—Bunches long and very compact; berries small, amber colored, seedless.

**THOMPSON'S SEEDLESS**—Identical with the Seedless Sultanas of Asia Minor. Berries greenish yellow, firm, oval, seedless.

**ZINFANDEL WINE**—Berries round, dark purple; the most extensively planted grape in California for making claret.

## SMALL FRUITS

### STRAWBERRY PLANTS

12 plants for 25c; 100 for \$1.50; \$8.00 per 1,000.

**NEW OREGON (Improved)**—This is one of the finest and most satisfactory Strawberries ever introduced. It always looks bright, fresh and attractive. The berry is very large, firm and handsome; rich dark red, extending to the center. The flavor is rich, sweet and delicious. For table use it cannot be equaled; ripens very early and continues in bearing until late in the season, a good second crop coming on about October. Very prolific and a heavy cropper.

### RASPBERRIES

**SUPERLATIVE RASPBERRY**—Fruit large and very prolific. 10 plants \$1.00.

**CUTHBERT**—Best and largest raspberry grown. 10 plants, 60c; \$4.00 per 100.

**EASTERN BLACKCAP RASPBERRY**—10c each; 10 for 75c.

**BURBANK PHENOMENAL BERRY**—Cross between California Dewberry and Cuthbert Raspberry. Luther Burbank describes it as the largest berry grown; color, raspberry crimson. Strong plants. 15c each; 10 for \$1.00.

### BLACKBERRIES

**HIMALAYA GIANT BLACKBERRY**—Ripens after all other varieties are gone. The berries grow in bunches; the heaviest cropping berry known; very desirable for family use. Strong plants. 15c each; 10 for \$1.25.

**LOGANBERRY**—Cross between California Blackberry and Antwerp Raspberry; color dark, rich red when fully ripe. Strong plants. 10c each; 10 for 75c.

**MAMMOTH BLACKBERRY**—Largest blackberry known, specimens measuring 2 to 2½ inches long, flavor delicious, and when fully ripe is quite sweet. Should be grown on a trellis 6 to 8 feet apart. Strong plants. 15c each; 10 for \$1.00.

### CURRANTS

**RED CHERRY**—Large, deep red. 20c each; 10 plants \$1.50.

**BLACK NAPLES**—Berries large, black. 20c each; 10 plants for \$1.50.

### GOOSEBERRIES

**SMITH'S**—Improved, yellowish white. 25c each; 10 for \$1.75.

**DOWNING**—Fruit roundish oval, whitish green. 25c each; 10 for \$1.75.

**OREGON CHAMPION**—Berries large, brownish red. 25c each; 10 for \$1.75.

## Climbers from Seed

	Pkt.		Pkt.
Australian Pea Vine .....	\$0.10	Momordica Balsam Pear .....	.05
Beans, Scarlet Runners .....	.05	Nasturtium, Tall Black Prince .....	.05
Balloon Vine .....	.05	Nasturtium, Tall, Klondyke, yellow .....	.05
Canary Bird, flower yellow .....	.05	Nasturtium, Tall, Edward Otto, brownish lilac .....	.05
Cypress Vine .....	.10	Nasturtium, Tall, Heinemann, chocolate .....	.05
Coboea Scandens, blue .....	.10	Nasturtium, Tall, Regalium, purplish violet .....	.05
Hyacinth Beans .....	.05	Nasturtium, Tall, Von Moltke, bluish rose .....	.05
Kenilworth Ivy .....	.10	Nasturtium, Tall, all colors mixed .....	.05
Kudzu Vine rapid climber .....	.10	Nasturtium, Ivy leaved mixed .....	.05
Morning Glory, splendid mixture .....	.05	Ornamental Gourds—Any of the following 5c per pkt.:	
Morning Glory, Imperial Giant Japanese mixed .....	.10	Chinese Dipper.	Turks Turban.
Moon Flower, Heavenly blue .....	.10	Sugar Trough.	Powder Horn.
Moon Flower, Bona Nox, pure white, opens in the evening .....	.10	Nest Egg.	Lemon or Orange.
Setosa, Brazilian Morning Glory .....	.10	Goosberry.	Good Mixture, all sorts.
Momordica Balsam Apple .....	.05	Bottle.	Calabash.
		Perennial Sweet Peas, Mixed .....	10c pkt.

## Grasses and Clovers

### For Hay and Pasture

We carry the following Grasses and Clovers of the highest quality and will ask you to kindly write for prices on large quantities:

Prices Variable

	Lb.	100 Lbs.		Lb.	100 Lbs.
Alfalfa or Lucerne Clover .....	\$0.30	\$20.00	Australian or Perennial Rye Grass .....	.15	12.50
Alfalfa Arabaian .....	.35	25.00	Pacific or Short Seeded Rye Grass .....	.25	20.00
Alfalfa Peruvian .....	.50	45.00	Awnless Brome Grass .....	.25	20.00
Crimson Clover .....	.30	25.00	Bermuda Grass .....	.60	45.00
Red Clover .....	.30	25.00	Meadow Fescue .....	.45	40.00
Alsike Clover .....	.30	25.00	Red Top Fancy Recleaned .....	.25	22.00
Burr Clover .....	.20	15.00	Timothy .....	.10	8.00
White Clover .....	.65	55.00	Orchard Grass .....	.35	25.00
Melilotus Indica (Sour Clover) .....	.10	7.00	Italian Rye Grass .....	.20	15.00
Melilotus Alba (Sweet Clover) .....	.35	25.00	Sudan Grass .....	.25	19.00

## Field Seeds

	Lb.	100 Lbs.		Lb.	100 Lbs.
Essex Rape .....	.15	7.50	Egyptian Corn .....	.10	3.50
Jersey Kale .....	.75		Milo Maize .....	.10	4.00
Oregon Vetch .....	.10	5.00	Kaffir Corn .....	.10	4.00
Early Canadian Peas .....	.10	6.50	Peterita .....	.10	4.00
Soja Beans .....	.10	8.00	Cow Peas black eye .....	.10	7.00
Emmer .....	.10	7.00	Cow Peas, Whippoorwill .....	.10	7.00
Early Amber Sorghum .....	.10	4.50			

## Field Corn

	Lb.	100 Lbs.		Lb.	100 Lbs.
Extra Early Canada .....	.10	5.00	Hickory King .....	.10	4.75
Leaning Improved .....	.10	5.00	Silver King .....	.10	4.75



# California Seed Company's Select Collection of Highest Quality Seeds

## ASTERS

A hardy annual of easy culture. Sow seed in February, March or April in open ground and they will bloom finely in August and September. Cover the seeds about one-quarter inch in depth in very light soil, and when the plants have three or four leaves transplant about 20 inches apart in well prepared beds. Unslaked lime or wood-ashes applied to the beds will prevent disease and keep insects away.

### VICTORIA ASTERS (Berary's Strain)

	Pkt.	¼ oz.
Light Yellow .....	\$0.10	\$0.75
White Tinted Rose .....	.10	.75
White turning to Azure Blue .....	.10	.75
Light Lilac .....	.10	.75
Deep Crimson .....	.10	.75
Dark Blue .....	.10	.75
Excellent Mixture, all colors .....	.10	.60

### BRANCHING OR SEMPLES ASTERS

Best aster for florists, producing fine plants usually 18 inches in height; flowers very large and showy, borne on long, stout stems; valuable for bouquets.

	Pkt.	½ oz.
Bright Rose .....	\$0.10	\$0.60
Crimson .....	.10	.60
Lavender .....	.10	.60
Pink .....	.10	.60
Purple .....	.10	.60
White .....	.10	.60
Fine Mixed, all colors .....	.10	.50

### GIANT CREGO ASTERS

Packets, 15 cts.

White	Crimson
Rose	Purple
Lavender	

**GIANT COMET**—A taller growing variety of the Comet type, with branching stems, which make it valuable for cutting. Best colors: Crimson, Dark Violet, Light Blue, Rose, White, The Bride (white changing to light rose). Any of above: Pkt. 10c; Collection six varieties, 50c; Mixture of all colors, Pkt. 10c; ¼ oz. \$1.25.



ALYSSUM—LITTLE GEM



BRANCHING ASTER

### SWEET ALYSSUM

This is one of the finest hardy annuals we have, and is beloved by many on account of its modest blossoms. It is pleasantly fragrant, and just the thing for personal adornment or for the breakfast table. It begins to blossom early in the season and blooms until fall. It is a neat, thrifty, healthy flower and should be cultivated by every one who wants an all-round good plant. Sow the seed wherever they are to remain. If too thick, thin out. To prevent sowing too thickly, mix seed with sand before sowing.

**MARTIMUM**—Flowers pure white, very fragrant. Pkt. 5c.

### BELLIS

(English Daisy)

Daisies are easily grown from spring-sown seed, and come into flower in a very short time. They thrive best in cool, shady places, but do well in almost any soil. Admirably adapted for edging, borders and low beds.

**LONGFELLOW**—Large double pink. Pkt. 10c.



**SNOWBALL**—Large double white. Pkt. 10c.

**MIXED**—Double. Pkt. 10c.

**MONSTROSA**—New double giant daisies.

**MONSTROSA GIANT RED**. Pkt. 25c.

### BEGONIA

#### FIBROUS ROOTED VARIETIES

For outdoor culture, having beautiful leaves and bearing clusters of small, waxy flowers.

**REX**—A beautifully marked, large-leaved variety, for indoors. Pkt. 50c.

**VERNON**—Deep-red flowers and dark-purple foliage often used for borders and for bedding; half hardy. Pkt. 10c.

#### TUBEROUS ROOTED VARIETIES

For greenhouse and pot culture, having large, waxy flowers in brilliant colors. Many prefer to start bulbs in December and January.

**DOUBLE VARIETIES**—Mixed. Pkt. 35c.

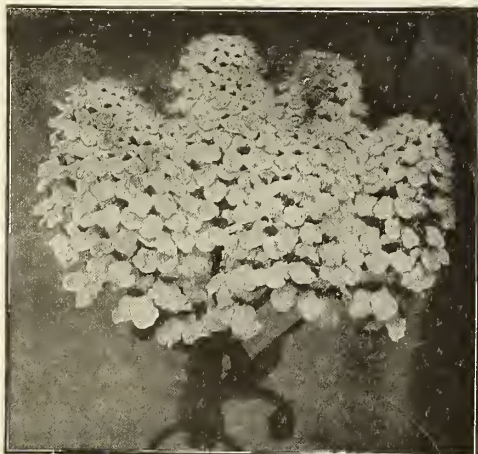
**INTERNATIONAL PRIZE**—The finest large flowered single mixture. Pkt. 35c.

**SINGLE VARIETIES**—Mixed. Pkt. 25c.

### ANTIRRHINUM, or SNAPDRAGON

#### Giant Flowering

These form brilliant garden beds, flowering prodigiously and continuously the first season from seed. Unusually effective bedding displays are made from these noble plants; they grow about 3 feet high, are healthy and stocky, and completely enveloped with large snapdragon flowers of splendid texture and substance, rendering them very durable under all conditions of weather; their continuous blooming qualities, ease of culture and independence of heat and drought, and pure, bright colors, should entitle them to a permanent place in gardens. Although perennials they do splendidly when grown as annuals; spring-sown seed produces flowering plants by July, which continue to bloom in increasing profusion until frost. The flowers are nearly double the size of the older sorts.



CANDYTUFT EMPRESS



SNAPDRAGON

**CALENDULA (Pot Marigold)**—Very hardy annual, one foot high, blooming freely at any time of year and for several months. Is of the easiest culture and is desirable for rather inferior soils, where less sturdy flowers do not thrive.

**DOUBLE MIXED**—A good mixture of 8 or 10 different shades of yellow, some clear colors and some shaded and striped. Pkt. 5c; oz. 15c.

**CALENDULA METEOR**—Large double yellow flowers, striped with orange. Pkt. 5c.

**CANDYTUFT (Iberis)**—A hardy annual, growing about 6 to 18 inches high, according to the variety. The blossoms are borne on variously long spikes, and the newer varieties are quite large flowering and very fragrant. Of easy culture and valuable for bedding or massing.

**Common Sweet Scented**—Small white flowers. Pkt. 5c; oz. 15c.

**Carmine**—Branching. Pkt. 5c.

**Purple**—Branching. Pkt. 5c.

**Giant Hyacinth Flowered, or Improved Empress**—Very large heads and long spikes of white flowers. Pkt. 10c; ¼ oz. 25c; oz. 75c. Mixture of all colors, Pkt. 5c.



### CALLIOPSIS

**GOLDEN WAVE**—The largest flowering variety. Clear yellow. Pkt. 5c; oz. 60c.

**DRUMMONDII**—Mixed. A gorgeous mixture of golden yellow, brown, maroon and other shades. Pkt. 5c; oz. 60c.

**BICOLOR HYBRIDA SEMIPLENTA**—Semi-double flowers of garnet and yellow. The old fashioned small Coreopsis. Pkt. 5c.

**LANCEOLATA**—Yellow with brown eye; one of the best yellow flowers for cutting. Pkt. 10c.

### CARNATIONS

**DOUBLE DWARF VIENNA**—Produces double, very sweet scented flowers in a large variety of colors. Pkt. 10c.

**CHABAUD PERPETUAL DOUBLE**—Superfine mixture of yellow, red, white, striped, etc. Blooms in 7 months; flowers very large and deliciously fragrant. Pkt. 25c.

**MARGARET CARNATION**—Very vigorous, hardy race of carnations; bloom in 5 months from sowing. For masses of bloom few plants are finer, producing a profusion of bloom. Pkt. 10c.

**CANTERBURY BELLS (Campanula Medium)**—A hardy biennial, blooming the second year from seed, or the first year, if sown early. Of easy culture, but preferring rich, moist soil. Grows about three feet high, and bears double and single varieties of blue, white, purple and red flowers. Single Mixed, pkt. 5c; Single White, pkt. 5c; Single Pink, pkt. 5c; Single Blue, pkt. 5c; Double Mixed, pkt. 5c.

**CUP AND SAUCER TYPE**—In this variety the outer petal forms a brim like a saucer. Light Blue, pkt. 10c; Pink, pkt. 10c; Pure White, pkt. 10c; Mixed, pkt. 10c.

**PERSICIFOLIA**—Peach-bell; perennial; 4 feet; large flowered. Mixed, pkt. 10c; Blue, pkt. 10c.

**CINERARIA HYBRIDA (Grandiflora)**—A splendid strain of large flowers. Pkt. 25c.

**CINERARIA STELLATA RADIATA**—Beautiful variety, small star-shaped flowers of fine form, in mixture of beautiful shades of colors. Pkt. 25c.



CINERARIA HYBRIDA

### CALCEOLARIA

**HYBRIDA GRANDIFLORA TIGERED**—Fine greenhouse plants, beautifully blotched, striped and varigated; seed saved from the finest flowers. Pkt. 25c.

**RUGOSA (Shrubbery)**—True bedding variety; innumerable very small flowers. Pkt. 25c.

### COSMOS

The popular fall flowers. A strong, tall growing annual. Most effective when planted in masses or long background borders against evergreens or fences. Seed sown in February will bloom by August and continue in bloom until killed off by frost.

**CAL. GIANT WHITE**—Pkt. 10c.

**CAL. GIANT PINK**—Pkt. 10c.

**CAL. GIANT RED**—Pkt. 10c.

**CAL. GIANT MIXED**—Pkt. 5c.

**KLONDYKE**—Orange colored. Pkt. 10c.

### CELOSIA—(Cockscomb)

Beautiful plants, producing large, showy plumes, curled and curved, very much resembling ostrich feathers.

**CELOSIA THOMPSONI MAGNIFICA**—Mixed. Pkt. 10c.

**CELOSIA CRISTATA (Glasgow Prize)**—Fine crimson. Pkt. 10c.

**CELOSIA PYRAMADILIS (Plumosa)**—Crimson plumes. Pkt. 5c.

### CENTAUREA

A hardy annual embracing a number of species, some being grown only for their foliage. All varieties grow from 1½ to 2 feet high. Sow the seed early and transplant in March. Except the white-leaved sorts all make excellent cut flowers.

**CYANUS (Bachelor's Button, or Bluebottle, or Corn Flower)**—Of easy culture. Sow the seed where it is to remain and thin to three or four inches. Mixed, pkt. 5c; oz. 25c.

**EMPEROR WILLIAM—(Large Blue).** Pkt. 10c; oz. 35c. Pink, pkt. 5c; White, pkt. 5c.

**IMPERIALIS (Royal Sweet Sultan)**—The finest of all Sweet Sultans; the plants are very strong and bear giant flowers on stiff, long stems; excellent for cutting and lasting, when cut, unusually well. Mixed, pkt. 10c; ½ oz. 50c; Pure White, pkt. 10c; Purple Shades, pkt. 10c.

### COLEUS

Splendid bedding plants with beautifully colored foliage, very useful for pot or window gardening; fine Hybrids mixed. Pkt. 15c.

**EXHIBITION STRAIN**—Finest mixed. Pkt. 25c.

### DELPHINIUM (Larkspur)



LARKSPUR

#### PERENNIAL VARIETIES—

**Chinensis Pumilium**—Blue Butterfly. Beautiful distinct shade of light blue; 2 feet. Pkt. 10c.

**Formosum**—Brilliant blue, white center; especially fine and attractive; 3 feet. Pkt. 10c.

**Nudicaule**—Pure bright scarlet, dwarf and compact; 1 foot. Pkt. 15c.

**Elatum Hybridum**—Very showy; finest mixed colors. Pkt. 10c.

#### ANNUAL VARIETIES (See cut)—

**Tall German**—Splendidly bright and showy; 2 feet. Pkt. 5c.

**Emperor Mixed**—Produces abundance of long, slender flowers; fine for cutting. Pkt. 5c.

### DAHLIA

**SINGLE DAHLIA**—Best mixture. Pkt. 10c.

**CACTUS DOUBLE**—Extra fine strain of this favorite type; mixed. Pkt. 10c.

**DOUBLE DAHLIA**—Good mixed from fine varieties. Pkt. 10c.

**SEMI-DOUBLE PAEONY FLOWER DAHLIA**—Mixed colors. Pkt. 10c.

### ESCHSCHOLTZIA

(Commonly Called California Poppy)

**GOLDEN WEST**—A superb variety with deep yellow flowers. Pkt. 5c; oz. 20c; lb. \$1.75.

**BURBANK'S CRIMSON**—Very fine. Pkt. 10c; oz. 30c.

**CARMINE ROSE**—Splendid shade. Pkt. 10c.

**MANDARIN**—Red gold, orange within, scarlet without. Pkt. 5c.

### FOXGLOVE

(Digitalis)

**GLOXINIA FLORA**—Very handsome, gloxinia-like flowers; very robust; fine for cutting. Fine Mixed, pkt. 5c.

### FORGET-ME-NOT

**ALPESTRIS INDIGO BLUE**—Indigo blue flowers. Pkt. 10c.

**ALPESTRIS ROSEA**—Pretty rose flowers. Pkt. 10c.

**ALPESTRIS VICTORIA**—Sky blue; for borders and pots. Pkt. 10c.

**ALPESTRIS MIXED**—Good mixture. Pkt. 10c.

### GLOXINIA

**GLOXINIA**—Beautiful hot-house plants, with large, bell-shaped blossoms, which come in rich, velvety-deep, and bright colors, some of which are beautifully marked. Sow in the fall or early spring. Grandiflora, Mixed, Pkt. 25c; Tigered and Spotted, Mixed, pkt. 25c.

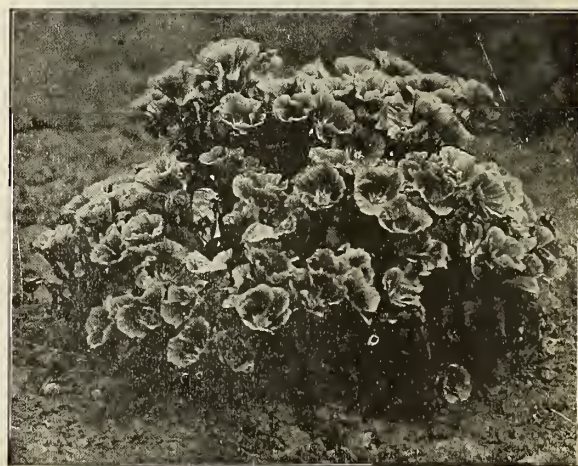
### GAILLARDIA

(Blanket Flower)

**GRANDIFLORA**—Fancy selected seed from the finest and largest flowers; color rich crimson, with a border of canary yellow; very fine (perennial). Pkt. 10c.

### GODETIA

Choice, free-blooming annuals, with widely opened flowers of satiny texture, and of the most delicate and lovely colors. They are beautiful for solid beds, border lines, for pots, and for growing in shaded places, where so few really fine flowers will flourish. Sow seed in the open border in spring, or in a cold-frame, and transplant seedlings to stand about a foot apart in rather thin soil. Fine for cut-flowers. Average height, 1½ ft.



GODETIA



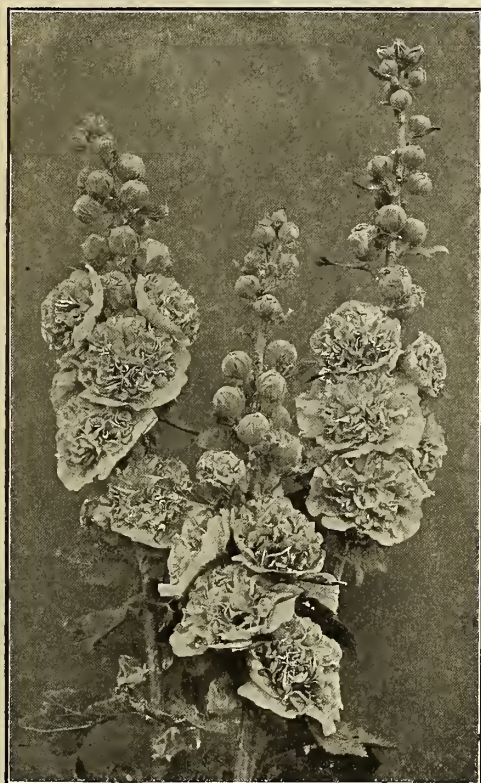
**WHITNEYI FULGIDA**—Crimson scarlet (new); very showy. Pkt. 5c.

**THE BRIDE**—White with blush spots. Pkt. 5c.

**LADY ALBERMARLE**—Dark crimson. Pkt. 5c.

**LORD ROBERTS**—Darkest red; very fine. Pkt. 5c.

**FINE MIXED**—Pkt. 5c.



### CHATER'S FAMOUS HOLLYHOCKS

**FINEST DOUBLE VARIETIES**—These fine old-fashioned perennials are most striking when seen in groups or long rows against ever-green shrubbery, fences or hedges. Seed should be sown in early spring or late fall in boxes or pans. When planting in the open, set each plant about 2 feet apart. Our seed is saved from the finest double flowers grown from Chater's celebrated collection. Cherry, Blood Red, Canary Yellow, Purple Black, Dark Crimson, Light Rose. Mixed Colors. Pkt., any color, 10c.

**KOCHIA TRICHOPHYLLA (New)**—Pyramidal habit, half-hardy annual, small feather-light green foliage, turning a lovely crimson hue in September.

### LOBELIA

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging baskets, etc., blooming profusely from June to November. The hardy perennial varieties are among the most desirable for pot culture, edgings, hanging basket; beautiful spikes of handsome flowers.



KOCHIA TRICHOPHYLLA

**CRYSTAL PALACE COMPACTA**—Dark blue. Pkt. 10c.

**BARNARD PERPETUAL**—Deep blue, with white eye. Pkt. 10c.

**EMPEROR WILLIAM**—Light blue, very fine. Pkt. 10c.

**CARDINALS (perennial)**—Long spikes of richest cardinal red. Pkt. 10c.

### MORNING GLORY AND MOON FLOWERS

Too well known to need description. All the varieties are pretty and succeed under almost any condition, and produce a quick and most luxuriant growth.

**HEAVENLY BLUE**—Very large clustered flowers of beautiful sky blue; open early in the morning; distinct and handsome. Pkt. 10c.



MOONFLOWER—HEAVENLY BLUE



**SETOSA (Brazilian Morning Glory)**—This vine makes an immense, thick growth of great lobed leaves, lighted by a profusion of large rosy flowers, with a satiny pink star in the center. The red pubescent stems and seed-pods add to its attractiveness; 10 to 20 feet. Pkt. 10c.

**IMPERIAL JAPANESE**—The leaves are mostly plain green, but some are oddly blotched with white or yellow. Flowers vary from pure white to carmine, through blues and purples of every shade to almost black. Vines vigorous, growing rapidly to a height of 10 or 20 feet, and their foliage is spangled with hundreds of large and lovely flowers. Pkt. 10c.

### MARIGOLD

Old garden favorites like the *Calendula* are valuable because they produce such a wealth of brown and yellow far into the early winter. Effective when planted in groups or in the border.



MARIGOLD AFRICAN

**AFRICAN ORANGE**—Tall, rich orange. Pkt. 5c.

**AFRICAN MIXED**—Tall. Pkt. 5c.

**FRENCH**—Tall, dark brown. Pkt. 5c.

**FRENCH DWARF**—Striped, handsomely marked. Pkt. 5c.

**ELDORADO**—African, fine double yellow. Pkt. 5c.

### MUSA ENSETE, ABYSSINIAN BANANA

**THE ABYSSINIAN BANANA TREE**—Strikingly effective as single specimens as well as in clumps or masses. The rapidity of its growth is astonishing. Seed sown early in hot-beds and repotted several times will give plants eight feet high the first summer. Pkt. of 10 seeds, 15c.

### DWARF NASTURTIUM

These have a neat, compact habit, forming a small round bush 10 to 15 inches high. Sow seed in open border where they are to remain when all danger from frost is over. Fine for window boxes, rockeries, borders, etc.

**ASHES OF ROSES**—Rose. Pkt. 5c; oz. 15c.

**BRONZE COLORED**—Very fine. Pkt. 5c; oz. 10c.

**KING THEODORE**—Deep crimson. Pkt. 5c; oz. 15c.

**EMPRESS OF INDIA**—Intense scarlet, dark foliage. Pkt. 5c; oz. 15c.

**OTHELLO**—Very dark. Pkt. 5c; oz. 10c.



MUSA ENSETE

**GOLDEN QUEEN**—Bright yellow. Pkt. 5c; oz. 10c.

**PRINCE HENRY**—Yellow, marbled scarlet. Pkt. 5c; oz. 10c.

**CLOTH OF GOLD**—Foliage yellow, flowers scarlet. Pkt. 5c; oz. 10c.

**DWARF MIXED**—All colors. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.

**VARIEGATED-LEAVED DWARF MIXED**—A splendid range of colors of these new variegated-leaved sorts. Pkt. 10c; oz. 40c.

### TALL NASTURTIUM

Used for covering embankments, stone walls, trellises, fences, etc.

**BLACK PRINCE (new)**—Darkest. Pkt. 5c; oz. 15c.

**KLONDYKE**—Rich golden yellow. Pkt. 5c; oz. 15c.

**EDW. OTTO**—Brownish lilac. Pkt. 5c; oz. 15c.

**HEINEMANNI**—Chocolate. Pkt. 5c; oz. 15c.

**REGALINUM**—Purplish violet. Pkt. 5c; oz. 15c.

**VON MOLTKE**—Bluish rose. Pkt. 5c; oz. 15c.

**BUTTERFLY**—Yellow, blotched red. Pkt. 5c; oz. 15c.

**TALL**—All colors, mixed. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 70c.

### GIANT FANCY PANSIES

(Exhibition Strains)

**PANSIES IN NAMED VARIETIES**—Pkt. 10c.

**Giant Candidissima**—Pure white.

**Giant Emperor William**—Ultramarine blue.

**Giant Gold Margined.**

**Giant Yellow**—With black eye.

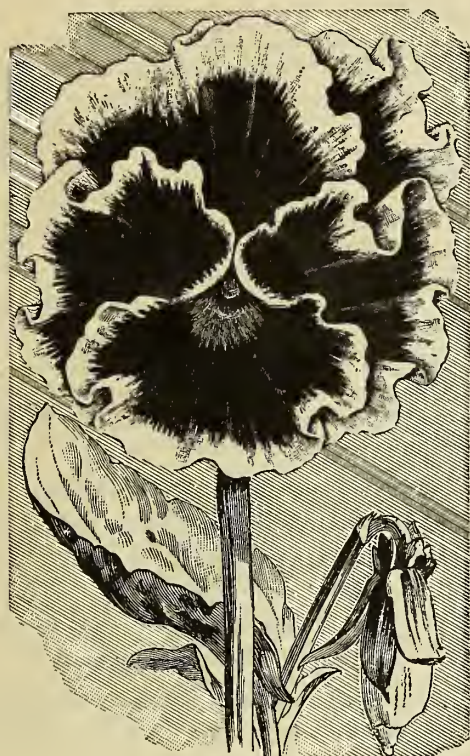
**Giant Lord Beaconsfield**—Violet purple, shading to light blue.

**Giant Faust**—Black.

**Giant Mad. Perrett**—Wine shades on white ground.

**Giant Victoria**—Wine red.





MASTERPIECE

**MASTERPIECE GIANT**—A remarkable type, the border of each petal being conspicuously curled or waved, giving the flower a double or globular appearance. Pkt. 15c.

**GIANT TRIMARDEAU**—A large French strain of Pansies. Flowers very large, carried well up above the foliage, and generally marked with large blotches; fine mixed. Pkt. 15c.

**MIXED PANSIES**—Ordinary strain. Pkt. 5c.

**LARGE FLOWERING VARIETIES**—Finest mixed. Pkt. 10c; ¼ oz. 60; oz. \$2.00.

**CASSIER'S FINEST FRENCH MIXED**—Flowers of grand size, beautifully spotted. Pkt. 25c.

**OUR GIANT FANCY EXHIBITION STRAIN**—The richest and most choicely variegated mixture possible, including every shade of color, splendidly spotted, striped and variegated. Pkt. 35c.

**BUGGNOT'S SUPERB BLOTCHED**—One of the best mixtures; three-blotched strain; upper petals finely lined or veined, with dark blotch at the base of each petal. Pkt. 25c.

### PETUNIAS

**CALIFORNIA RUFFLED GIANTS**—Very large, wide-opened blossoms, beautifully ruffled, fluted, and fringed; superb mixture. Pkt. 25c.

**DOUBLE LARGE FLOWERING**—Great favorite for pot culture. Our seed will produce large, fragrant, elegantly formed flowers, brilliantly colored. Grand mixture. Pkt. 35c.

**COUNTESS OF ELLESMERE**—Dark rose, with fine white throat. Pkt. 10c.

**KERMESINA**—Plants covered with fine crimson flowers the entire summer. Pkt. 10c.

**PETUNIA HYBRIDA MIXED**—Good mixture of small free flowering colors; fine for bedding. Pkt. 10c.

### PORTULLACA

(Rose Moss)

Plants will grow and bloom profusely in a hot and dry situation where most other plants would soon die. Sow in April.

**SINGLE**—All colors, mixed. Pkt. 5c.

**DOUBLE**—All colors, mixed. Pkt. 10c.

### PYRETHRUM HYBRIDUM

(Large, Single, Aster-like Flowers)

The flowers of this new strain grow to enormous size, and present all the beautiful variations of color between light pink, rose and deep carmine. They are splendid cut flowers and equally valuable in borders. The plants are perfectly hardy and increase in size from year to year. Pkt. 15c.

**PYRETHRUM AUREUM (Golden Feather)**—Very popular border plant, used extensively with Lobelia. Pkt. 10c.

### PHLOX DRUMMONDII

(One of the Showiest Annuals)

**GRANDIFLORA COCCINEA**—Large brilliant scarlet. Pkt. 10c.

**GRANDIFLORA KERMESINA SPLENDENS**—Vivid crimson. Pkt. 10c.

**GRANDIFLORA ALBA**—Pure white. Pkt. 10c.

**GRANDIFLORA MIXED**—All colors. Pkt. 10c.

**PHLOX DECUSSATA (Perennial)**—Mixed, all colors. Pkt. 10c.

### PRIMROSE

**PRIMULA CHINENSIS**—Pretty green-house or pot plants, bearing bright colored, large, fringed single flowers; finest mixed. Pkt. 25c.

**PRIMULA AURICULA**—Beautiful shades of color; splendid mixed. Pkt. 25c.

**PRIMULA ELATIOR (English Primrose)**—Fine mixed. Pkt. 10c.

### PERENNIAL POPPIES

**ICELAND POPPIES (Nudicaule)**—These Poppies bloom the first year from seed. The colors range from purest white to deepest orange. Excellent for cutting. Pkt. 10c.

**ORIENTAL**—Enormous flowers of deep, flashing scarlet; hardy anywhere. Pkt. 10c.



POPPY ORIENTAL

**ORIENTAL HYBRIDS MIXED**—Fine mixture. Pkt. 10c.

**ALPINE POPPY**—Plants grow in low tufts, producing lovely flowers in white, rose, salmon and orange. Pkt. 10c.

### ANNUAL POPPIES

**SHIRLEY, or SILK**—Our strain is one of great excellence and contains all of the beautiful delicate colors. Pkt. 10c;  $\frac{1}{4}$  oz. 15c; oz. 35c.

**ADMIRAL**—Large pure white with a broad crimson border. Pkt. 10c; oz. 35c.

**GLAUCUM (Tulip Poppy)**—Striking tulip shape; flowers of a dazzling scarlet. Pkt. 10c;  $\frac{1}{2}$  oz. 25c.

**UMBROSUM**—Rich crimson, spotted black. Pkt. 5c.

**DANEBROG**—Large single, scarlet with white cross. Pkt. 5c.

**MIKADO**—Double, large white flowers, fringed rose. Pkt. 5c.

**CARNATION**—Double flowered, very double fringed flowers; mixed. Pkt. 5c.

### SALPIGLOSSIS

(Beautiful Annuals)

**LARGE FLOWERING MIXED**—Very beautiful, hardy annual plants, flowering freely from June to early autumn. Seed may be sown in April, where they are to flower. Rich soil should be provided, with plenty of space for plants to develop. The exquisite beauty of the flowers, with their rare combination of color is a revelation to all who may see them for the first time. A splendid variety of color, flowers of large size. Pkt. 5c.

**GRANDIFLORA**—Superfine mixture. Pkt. 10c.

**EMPEROR**—This new variety forms but one leading stem and bears at its summit a veritable bouquet of the most beautiful flowers; finest mixed. Pkt. 10c.

### SALVIA

**SPLENDENS BONFIRE**—Well known, compact, free blooming variety, with dense, flaming scarlet spikes. Pkt. 10c;  $\frac{1}{4}$  oz. 75c.

**SPLENDENS GRANDIFLORA**—A rich scarlet flower. Pkt. 10c;  $\frac{1}{2}$  oz. 75c.

**SALVIA PATENS**—Handsome, tender perennial, with erect spikes of rich blue flowers. Pkt. 25c.

### SUNFLOWER

(Helianthus)

Stately decorative plants with great masses of yellow flowers. Sow seed in the open ground and thin out the plants to stand about 3 feet apart. Sow in March.

**STELLA**—Handsome, large single yellow flowers. Pkt. 5c.

**DOUBLE CALIFORNIA**—Dark yellow; attractive. Pkt. 5c.

**SINGLE GIANT RUSSIAN**—Pkt. 5c.

### SCABIOSA

(An Old Favorite, Greatly Improved)

In recent years Scabiosas have become very popular on account of the great improvement over the old-fashioned



SCABIOSA CAUCASICA



type. Not only are the colors finer, but the flowers are much larger. Sow seed in the ground in March where they are to remain, and thin out to about 10 inches apart. As a cut flower they will last in water a week or more.

**Grandiflora Pure White.** Pkt. 5c.

**Grandiflora Double Rose.** Pkt. 5c.

**Grandiflora Double Lilac.** Pkt. 5c.

**Grandiflora Double Cherry Red.** Pkt. 5c.

**Grandiflora Double Black Purple.** Pkt. 5c.

**Grandiflora All Colors Mixed.** Pkt. 5c.

**AZURE FAIRY**—A very lovely, rich pale blue, almost the same shade as the lovely perennial, *S. Caucasica*; very fine large flower; will prove a valuable addition to the large-flowered annual *Scabious*. Pkt. 10c.

**CAUCASICA**—Handsome, hardy perennial, height about 2 feet; flower delicate lavender blue. Pkt. 10c.

### SWEET WILLIAM

(*Dianthus Barbatus*)

A well-known garden favorite; attractive; free flowering

perennial; effective for beds or borders. Sow in early spring or September and October.

**SINGLE**—All colors mixed. Pkt. 5c.

**DOUBLE**—All colors mixed. Pkt. 10c.

**SWEET WILLIAM (Sutton's Scarlet or Scarlet Beauty)**—

A grand selection from *Pink Beauty*, of vivid scarlet color. Pkt. 10c.

### SCHIZANTHUS

**SCHIZANTHUS**—Hardy annuals, growing one and one-half to two feet high and covered with bright, showy, butterfly-like blossoms. Large flowering. Mixed. Pkt. 10c.

**WISETONENSIS**—This variety is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose. A very shy seeder. Make several plantings, as the plants come into bloom quickly, are a burst of color, and are out of bloom. Pkt. 25c.

### STOCKS (*Gillyflowers*)

One of our most desirable annuals, either for pots or bedding. The plants have good habits, fine leaves, beautiful and fragrant flowers, in all refined colors. They are unsurpassed for profusion and duration of bloom. Start the seed in February or March, or September and October.

**DWARF DOUBLE TEN WEEKS**—Large flowering, long spikes, mixed colors. Pkt. 10c.

**GIANT PERFECTION**—Tall, handsome, spikes large, flowers rose-like, mixed colors. Pkt. 10c.

**BROMPTON STOCKS**—Hardy biennials; sown in early spring, will flower in fall and all through the winter; mixed colors. Pkt. 10c.

**GIANT NICE ALMOND BLOSSOM**—White, shaded carmine. Pkt. 15c.

**GIANT NICE QUEEN ALEXANDER**—Rosy lilac. Pkt. 25c.

**GIANT NICE BEAUTY**—Delicate flesh pink. Pkt. 10c.

**GIANT NICE CRIMSON KING**—Very beautiful. Pkt. 15c.

**PRINCESS ALICE**—Pure white. Pkt. 10c.

**MAMMOTH BEAUTY OF NICE STOCK** (Beautiful sweet scented double flowers)—A grand collection of the finest imported German stock seed. Imported collection of 8 colors, 100 seeds of each color. Pkt. 60c.

**BROMPTON OR WINTER BLOOMING STOCK**—Imported collection of 8 colors, 100 seeds of each color. Pkt. 50c.

**GIANT PERFECTION TEN WEEKS STOCK**—Imported collection of 8 colors, 100 seeds of each color. Pkt. 60c.



GIANT NICE STOCKS



**MAMMOTH VERBENA**

A carefully selected and improved fine strain of Verbenas. The trusses and individual flowers are of the largest size, brilliant colors, free blooming and of vigorous habit. For best results sow seed early in pots or boxes and transplant in beds in April or May. Single plants of this pretty annual will carpet a space 3 feet in diameter with neat foliage and scores of fine flower umbels. Plants bloom from early summer to late fall.

**MAMMOTH SCARLET**—Pkt. 10c.

**MAMMOTH PURPLE**—Pkt. 10c.

**MAMMOTH PINK**—Pkt. 10c.

**MAMMOTH WHITE**—Pkt. 10c.

**MAMMOTH MIXED COLORS**—Pkt. 10c.



MAMMOTH VERBENA



**ZINNIA, TALL ROBUSTA GRANDIFLORA**  
These bear flowers from 4 to 5 inches in diameter

**ZINNIA**

(Youth and Old Age)

Zinnias are one of the easiest grown and most showy garden annuals. Few flowers are so easily grown from seed sown in the open ground, or bloom so abundantly and continuously through the entire season as this hardy annual. Sow seed in open ground in spring.

**TALL ROBUSTA ZINNIAS—**

Crimson.

Flesh.

Pink.

Yellow.

Mixed.

Packet 15c.

**WALLFLOWER**

Wallflowers should be better known. Their adaptability for pot culture and outdoor bedding and their peculiarly sweet odor, should win favor. They are easily grown, and last long as cut-flowers.

**SINGLE BLOOD RED**—Pkt. 5c.

**SINGLE MIXED**—Pkt. 5c.

**DOUBLE MIXED**—Pkt. 10c.



## Garden Requisites

**MAC ABEE GOPHER TRAPS**—Devised and constructed on practical principles with a knowledge of and experience with the habits of the gopher. 25c each; \$2.50 per dozen.

### GARDEN REQUISITES

**BELLOWS**—For dusting. \$1.25 to \$3.00 each.

**CANES, JAPANESE BAMBOO**—6 feet, 30c per dozen; \$1.50 per 100.

**CANES, JAPANESE BAMBOO**—5 feet, 25c per dozen; \$1.25 per 100.

**GRAFTING WAX**— $\frac{1}{4}$  lb. 10c;  $\frac{1}{2}$ -lb. pkg. 15c.

**GRASS HOOKS**—35c to 50c.

**HOSE MENDERS**— $\frac{1}{2}$  to  $\frac{3}{4}$  inch, 10c each; 3 for 25c.

**HOSE NOZZLE**—Oakland, 35c each.

**HOSE NOZZLE**—Mystic, 40c each.

**KNIVES**—Budding, propagating and pruning, A. A. A. 1, Jordah, 50c to \$1.75.

**RAFFIA**—For tying. Pound 20c; 10 pounds \$1.50. Write for prices on larger quantities.

**MOSS**—Best Oregon. selected. Pound 10c; 100 pounds \$5.00.

**MOLE TRAP**—Reddick. \$1.00 each.

**TROWELS**—Never-break. 10c.

**TROWELS**—Maynard hand forged. 75c.

**ENGLISH GARDEN SPUD**—For rooting out dandelion, yellow dock, thistle, etc.

### TREE, POT AND GARDEN LABELS—PAINTED

	Per 100	Per 1000
3½ in. Iron Wire Tree Labels.....	\$0.20	\$1.50
3½ in. Copper Wire Tree Labels.....	.30	1.75
4 in. Pot Labels .....	.20	1.15
5 in. " " .....	.25	1.25
6 in. " " .....	.30	1.60
8 in. " " Unpainted.....	.75	

### FLOWER POTS

#### EARTH FLOWER POTS, FERN DISHES, AND SEED PANS

The prices on these are all the same. Fern dishes are about two-thirds as deep as Flower Pots, and Seed Pans are one-third.

	Each	Per 10	Per 100
3-inch .....	2 for 5c	\$ .20	\$ 1.60
4-inch .....	\$ .05	.30	2.40
5-inch .....	.05	.40	3.75
6-inch .....	.10	.75	5.00
7-inch .....	.15	1.20	9.00
8-inch .....	.20	1.60	12.00
9-inch .....	.30	2.50	18.00
10-inch .....	.40	3.50	23.00
12-inch .....	.50	4.50	40.00
14-inch Fluted .....	1.50	13.50	
16-inch Fluted .....	1.85	17.50	
18-inch Fluted .....	2.50	22.50	

### EARTH SAUCERS FOR FLOWER POTS

	Each	Per 10	Per 100
4-inch .....	2 for 5c	\$ .20	\$ 1.80
5-inch .....	3 for 10c	.30	2.75
6-inch .....	\$ .05	.40	3.50
7-inch .....	2 for 15c	.50	4.50
8-inch .....	\$ .10	.80	7.30
9-inch .....	.15	1.20	10.00
10-inch .....	.20	1.60	15.00
12-inch .....	.30	2.40	22.00
14-inch .....	.45	4.00	33.00

For packing and shipping charges, add extra 5 per cent to above prices on flower pots and saucers.

### PAPER FLOWER POTS

Neponset. Just the thing to start your plants in. Will not break in sending. Ship nested together.

	Per 10	Weight	Per 100	Per 1000
2½-inch	\$ .10	1½ lbs.	\$ .60	\$ 4.50
3 -inch	.15	2½ lbs.	.75	6.00
4 -inch	.20	4 lbs.	1.00	9.00
5 -inch	.25	6½ lbs.	1.50	13.50
6 -inch	.35	8½ lbs.	2.00	18.00

### HIGH GRADE FERTILIZER

#### CALIFORNIA DRESSING

For lawns, roses, shrubs, etc., will surely make your plants grow. Guaranteed to contain

Phosphoric Acid (Bone Superphosphate) .....	12.00%
Phosphoric Acid, Soluble and Available .....	8.00%
Equal to Bone Phosphate of Lime .....	26.16%
Nitrogen from Bone and Blood, 2.15%; Nitro- gen as Nitrate, 2.00% .....	4.15%
Estimated as Ammonia .....	5.00%
Muriate or Potash .....	3.16%
Actual Potash (K2O) .....	2.00%
10-lb. bag 60c; 25-lb. bag \$1.25; 50-lb. bag \$1.75.	

**BONE MEAL**—An excellent fertilizer, moderately strong. 5 lbs. 25c; in sack lots, 125 lbs., per 100 lbs. \$2.50.

**NITRATE OF SODA**—Dissolve when using and use sparingly; is very strong and apt to burn. 3 lbs. 25c.

**PLANT TABLETS**—Sterlingworth, a 25c package contains 100 tablets, sufficient for 35 plants for 3 months. This certainly makes plants grow splendidly and bloom profusely. In two sizes, 10c and 25c.

# To Have a Successful Garden It Is Necessary To Keep Your Plants Free From Bugs

## INSECTICIDES

**APHINE**, the insecticide that kills plant lice of every kind.  $\frac{1}{4}$  pint 25c;  $\frac{1}{2}$  pint 40c; pint 65c; gallon \$2.50.

**FUNGINE**, an infallible remedy for mildew, rust, bench rot and other fungi affecting flowers and vegetables.  $\frac{1}{2}$  pint 40c; 1 pint 65c; gallon \$2.50.

**BORDEAUX MIXTURE** in pulp, for use on potatoes, apples, tomatoes, grapes, pears, roses, peaches, plums and cherries. Quart can in pulp, ready for immediate dilution, 60c.

**HAMMOND'S "HORICUM,"** for fall or spring use. This preparation is lime, sulphur and salt. Aside from its ability to destroy San Jose scale, Horicum is a fungicide, preventing the free development of fungoid troubles. By grading your dilution you make it any desired strength for any use. 1 pint 35c quart 65c.

**THRIP JUICE** kills scale, thrip, mealy bug; dilutes 40 to 100 times.  $\frac{1}{2}$  pint 40c.

**SULPHO TOBACCO SOAP**, insecticide for plants, flowers, shrubs, trees, dogs and poultry. 3 oz. pkg. 10c; 8 oz. pkg. 20c.

**ARSENATE OF LEAD**, for codling moth, canker worm, tent caterpillar, cherry slug, currant worm, potato beetles, gypsy moth, fall web worm, etc. Pound jar 35c.

**NICOTINE**, a powerful insect and parasite destroyer, kills aphides and other insects. Small size 35c; large size 50c.

**GRAPE DUST**—Very efficient in destroying mildews and preventing blights. 5 pound package 50c.

**HAMMOND'S SLUG SHOT**—Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, chicken lice, sow bugs, etc. 1 pound 20c, by mail 40c; 5 pounds 40c.

**CALIFORNIA AIR SLACK LIME**, for destroying slugs and sow bugs. 5 pound pkg. 25c.

**WHALE OIL SOAP**—An excellent and inexpensive means for killing plant lice and scale insects. Pound 20c.

**CARBON BISULPHIDE**—This is a liquid which when placed in a gopher or rat hole gives off fumes which are poisonous to these rodents. In the open air there is no danger to the operator. Pint can 35c.

**TREE TANGLEFOOT**—For protecting trees against climbing insect pests in a simple, economical and effective way, use Tree Tanglefoot—a sticky substance applied directly to the back of trees. 1-lb. can 30c; 3-lb. can 85c.

**"NICO-FUME" TOBACCO-PAPER**—For fumigating green-houses. It is the strongest tobacco paper on the market; does not injure blooms. Packed in special friction-top tins and sold as follows: 24 sheets 75c; 144 sheets \$3.50; 288 sheets \$6.50.

**BLACK LEAF FORTY**—A solution of nicotine sulphate containing 40 per cent nicotine. The most highly recommended spray for soft bodied sucking insects such as plant lice, thrips, leaf hoppers. Also used for canker and currant worms, cherry slug, etc. Three sizes,  $\frac{1}{2}$  pound 85c; 2 $\frac{1}{2}$  pounds \$3.25; 10 $\frac{1}{2}$  pounds \$12.50.

**VERMINE**—Soil sterilizer and vermicide for cut, wire and eel worms, sow bugs and root aphids.  $\frac{1}{4}$  pint can 25c.

**SCALINE**—An all year round spray for San Jose and other scale, aphids, etc., on trees and shrubs. Quart can 75c.

**COPPER SOLUTION**, for mildew and blight, and rust on fruit, flowers and vegetables; dilute 100 times with water. Quart tin 85c.

**FLOUR OF SULPHUR**, for dusting on all kinds of plants affected with mildew. Pound 10c; 3 pounds 25c; 10 pounds 60c.

**TOBACCO DUST**—If dusted on while the foliage is moist, it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off all earth insects. Pound 10c; 5 pounds 35c; 10 pounds 60c.

## QUANTITY OF SEED REQUIRED TO PRODUCE A GIVEN NUMBER OF PLANTS, OR TO SOW A GIVEN QUANTITY OF GROUND

Artichoke .....	1 oz. to 500 plants
Asparagus .....	1 oz. to 60 ft. of drill, 500 plants
Beans, Dwarf .....	1 lb. to 50 ft. of drill
Beans, Tall .....	1 lb to 75 hills
Beet .....	1 oz. to 50 ft. of drill
Broccoli .....	1 oz. to 2,000 plants
Brussels Sprouts .....	1 oz. to 2,000 plants
Cabbage .....	1 oz. to 2,000 plants
Carrot .....	1 oz. to 150 ft. of drill
Cauliflower .....	1 oz. to 2,000 plants
Celery .....	1 oz. to 5,000 plants
Chicory .....	1 oz. to 100 ft. of drill
Corn .....	1 lb. to 150 hills
Cress .....	1 oz. to 100 ft. of drill
Cucumber .....	1 oz. to 100 hills
Egg Plant .....	1 oz. to 2,000 plants
Endive .....	1 oz. to 3,000 plants
Kale .....	1 oz. to 2,000 plants
Kohl Rabi .....	1 oz. to 2,000 plants
Leek .....	1 oz. to 100 ft. of drill
Lettuce .....	1 oz. to 5,000 plants

Melon, Water .....	1 oz to 30 hills
Melon, Musk .....	1 oz. to 100 hills
Okra .....	1 oz. to 50 ft. of drill
Onion Seed .....	1 oz. to 100 ft. of drill
Onion, Top Sets .....	1 lb. to 60 ft. of row
Onion, Bottom Sets .....	1 lb. to 75 ft. of row
Parsnip .....	1 oz. to 100 ft. of drill
Parsley .....	1 oz. to 100 ft. of drill
Peas .....	1 lb. to 50 ft. of drill
Pepper .....	1 oz. to 1,000 plants
Pumpkin .....	1 oz. to 25 hills
Radish .....	1 oz. to 50 ft. of drill
Salsify .....	1 oz. to 50 ft. of drill
Sage .....	1 oz. to 100 ft. of drill
Spinach .....	1 oz. to 50 ft. of drill
Squash, Early .....	1 oz. to 50 hills
Squash, Winter .....	1 oz. to 15 hills
Tomato .....	1 oz. to 3,000 plants
Tobacco .....	1 oz. to 10,000 plants
Turnip, Early .....	1 oz. to 75 ft. of drill
Turnip, Ruta Baga .....	1 oz. to 100 ft. of drill



# Number of Trees or Plants to an Acre

Set at Regular Distances Apart

Distance apart	No. of Plants	Distance apart	No. of Plants	Distance apart	No. of Plants
3 by 4 inches	522,720	4½ by 4½ feet	2,150	14 by 14 feet	222
4 by 4 inches	392,040	5 by 1 feet	8,712	15 by 15 feet	193
6 by 6 inches	174,240	5 by 2 feet	4,356	16 by 16 feet	170
1 by 1 foot	43,560	5 by 3 feet	2,904	16½ by 16½ feet	160
1½ by 1½ feet	19,360	5 by 4 feet	2,178	17 by 17 feet	150
2 by 1 feet	21,780	5 by 5 feet	1,742	18 by 18 feet	134
2 by 2 feet	10,890	5½ by 5½ feet	1,440	19 by 19 feet	120
2½ by 2½ feet	6,960	6 by 6 feet	1,200	20 by 20 feet	108
3 by 1 feet	14,520	6½ by 6½ feet	1,031	25 by 25 feet	69
3 by 2 feet	7,260	7 by 7 feet	888	30 by 30 feet	48
3 by 3 feet	4,840	8 by 8 feet	680	33 by 33 feet	40
3¾ by 3½ feet	3,555	9 by 9 feet	537	40 by 40 feet	27
4 by 1 feet	10,890	10 by 10 feet	435	50 by 50 feet	17
4 by 2 feet	5,445	11 by 11 feet	360	60 by 60 feet	12
4 by 3 feet	3,630	12 by 12 feet	302	66 by 66 feet	10
4 by 4 feet	2,722	13 by 13 feet	257		

## DISTANCE FOR PLANTING

Standard Apples	25 to 30 feet apart each way	Peaches and Nectarines	20 to 24 feet apart each way
Standard Pears	20 to 24 " " " "	Apricots	24 to 30 " " " "
Strong-growing Cherries	20 to 24 " " " "	Grapes	7 to 10 " " " "
Duke and Morello		Currants and Gooseberries	4 by 6 feet
Cherries	18 to 20 " " " "	Raspberries and Blackberries	3 to 4 by 5 to 7 "
Standard Plums and		Strawberries for field culture	1 to 1½ by 4 to 5 "
Prunes	20 to 24 " " " "	Strawberries for garden culture	1 to 2 feet apart

## A FEW HINTS FOR THE AMATEUR GARDENER

The pleasure to be derived in the cultivation of flowers and vegetables is only known in its fullest extent by those who have watched every day's mysterious growth from the tiny seed leaf to the grand display of the full developed plant. To all such there must come now and again, in spite of good seed and careful management, unaccountable failure and disappointment. Experienced gardeners sometimes fail and try again with the same seed and succeed; so do not be disheartened by an occasional failure. Unfavorable seasons, insect enemies, and a host of adverse circumstances have to be contended with.

In making a selection of flowers, everyone will of course grow the beautiful Annuals and Perennials. A small collection will furnish plenty of flowers for cutting all the summer

—the Aster, Antirrhinum, Balsam, Dianthus, Delphinium, Pansy, Petunia, Phlox, Drummondii, Portulaca, Salpiglossis, Stock, Verbena, and Double Zinnia, should be in every garden. For a low hedge nothing is better than the Sweet Pea and the tall Nasturtium. Then for fragrance there must be beds of Mignonette, Sweet Alyssum, Pinks, Picotees, and Carnations. For masses of color and ribbon borders there is a large choice—the Phlox Drummondii is of many distinct colors, from white to purple, and so constant in bloom that it is one of the best for this purpose. Candytuft is small and neat, and useful for button-hole bouquets. A few Everlastings and Ornamental Grasses will come very useful about winter time. Then the Gladiolus is a king among tall summer flowers, as the Dahlia is queen of autumn; while Lilies are unsurpassed by any of Flora's treasures.

## FLOWER GARDEN

### What to Sow and When to Sow

**ANNUALS** are those plants that flower and mature their seed within a year after they are sown, and perish. This definition is in no way changed by the fact that many Annuals may be managed as Biennials, or, in other words, be sown in autumn for flowering early the following season.

**TENDER ANNUALS** are those that require heat, and will not vegetate in the open ground until settled warm weather.

**HALF-HARDY ANNUALS** are those that will bear a slight frost, and may be sown in the open ground a little earlier than the tender Annuals.

**HARDY ANNUALS** are usually those which require no artificial heat during any period of their growth—every stage of their existence, from the time of sowing the seeds to maturity, being passed in the open ground.

**BIENNIALS** are those plants that flower the second and sometimes the third year after the seed is sown, and then perish.

**PERENNIALS** are those plants that live and generate their species for several years successively.

**BIENNIALS AND PERENNIALS** are Tender, Half-Hardy and Hardy.

**TENDER BIENNIALS AND PERENNIALS**, or greenhouse plants, are those that require artificial heat to protect them from the frost.

**HALF-HARDY BIENNIALS AND PERENNIALS** are those that require a slight covering of straw or litter during the cold weather.

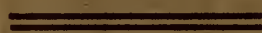
**HARDY BIENNIALS AND PERENNIALS** are those that will stand the coldest winter weather without protection.

A—Denotes Annuals

B—Denotes Biennials

P—Denotes Perennials

# CALIFORNIA SEED COMPANY



151 MARKET STREET  
SAN FRANCISCO

